

ATTACHMENT C



Microbac

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Bradford Division

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INDOOR AIR QUALITY SURVEY

At

**Unicor F.C. I. McKean
Rt. 59 and Big Shanty Road
Lewis Run, PA 16738**

Work Order No.: 9931-444

Date of Sampling: July 31, 2001

Performed For: Unicor Factory

Report Reviewed By:



April C. Lang
Laboratory Director



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SUMMARY

At the request of Roger Reinard of Unicolor F.C. I. McKean, an Indoor Air Quality Survey was performed in the Unicolor Factory on July 31, 2001. The sampling was performed from 7:00 a.m. until 3:45 p.m. The reason for the sampling was an OSHA complaint regarding dust in the air at the facility.

The sampling parameters requested were total and respirable particulates. The collection media was matched weight filter and the analysis method was NIOSH 0500 for total particulates and NIOSH 0600 for respirable particulates.

Two field technicians, April Lang and Mike Francis, arrived at the facility at 0600 hours and proceeded to the Unicolor Factory. After consultation with the staff it was decided to set up the pumps and air sampling equipment at the following sites:

- Router Station
- Large Panel Saw Area
- CNC Machine Area
- Radial Arm Saw Area
- Weeke Point to Point Machine Area
- Edge Bander Area

The pumps were set up and testing began between 0730 and 0745 hours such that eight hours was achieved for the total sampling time at each area. At this time one of the field technicians, April Lang, left the site and Mike Francis remained on site to check the status of the equipment and filters during the testing. The pumps and filters were disassembled between 1530 and 1545 hours and the field technician left the premises.

Results can be found on the attached Certificate of Analysis. The OSHA standard for Total Particulates/Nuisance Dust is 15 mg/cubic meter and 5.0 mg/cubic meter for Respirable Particulates/Respirable Nuisance Dust. As per our report none of the samples exceeded these limits.

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UNICOR F.C.I. MCKEAN

P.O. BOX 5000

BRADFORD

PA 16701

Date Reported 8/13/01

Date Received 7/31/01

Order No 9931-00444

Invoice No 008032

Cust # F009

Sampled Date 7/31/01

Sampled Time 00:00

Sample Id

Permit No

Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

TEST	METHOD	RESULT	UNITS	DATE	TECH
------	--------	--------	-------	------	------

ROUTER STATION - TOTAL PARTICULATES, 0730 - 1530 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

MPF

MATCHED WEIGHT

MPF

9931-444-1

7/31/01

480

3.0

1440

<0.2

FILTER

MINUTES

LITERS/MIN

LITERS

MG/M3

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

8/09/01

MPF

MPF

MPF

MPF

MPF

MPF

MPF

MPF

MPF

ERI

ROUTER STATION - RESPIRABLE PARTICULATES, 0730 - 1530 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, RESPIRABLE

NIOSH 0600

MPF

MATCHED WEIGHT

MPF

9931-444-2

7/31/01

480

1.7

816

<0.4

FILTER

MINUTES

LITERS/MIN

LITERS

MG/M3

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

7/31/01

8/09/01

MPF

MPF

MPF

MPF

MPF

MPF

MPF

MPF

MPF

ERI

Certificate Of Analysis Continued On Next Page

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Sample Id

Permit No

Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

IP	TEST	METHOD	RESULT	UNITS	DATE	TECH
----	------	--------	--------	-------	------	------

LARGE PANEL SAW AREA - TOTAL PARTICULATES, 0733 - 1533 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

MPF

MATCHED WEIGHT

FILTER

MPF

9931-444-3

7/31/01

480

MINUTES

3.0

LITERS/MIN

1440

LITERS

0.3

MG/M3

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

8/09/01

ERI

LARGE PANEL SAW AREA - RESPIRABLE PARTICULATES, 0733 - 1533 HRS.

PARTICULATES, RESPIRABLE

NIOSH 0600

<0.4

MG/M3

8/09/01

ERI

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

MPF

MATCHED WEIGHT

FILTER

MPF

9931-444-4

7/31/01

480

MINUTES

1.7

LITERS/MIN

816

LITERS

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

Certificate Of Analysis Continued On Next Page

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Subject: PARTICULATE IN AIR TESTING, 7/31/01

P	TEST	METHOD	RESULT	UNITS	DATE	TECH
---	------	--------	--------	-------	------	------

CNC MACHINE AREA - TOTAL PARTICULATES, 0736 - 1536 HRS.

AIR TEST INFORMATION

SAMPLED BY:

MPF

7/31/01

MPF

SAMPLING MEDIA

MATCHED WEIGHT

FILTER

7/31/01

MPF

PUMP OPERATOR

MPF

7/31/01

MPF

FILTER/TUBE NUMBER

9931-444-5

7/31/01

MPF

SAMPLING DATE

7/31/01

7/31/01

MPF

SAMPLING TIME

480

MINUTES

7/31/01

MPF

FLOW RATE

3.0

LITERS/MIN

7/31/01

MPF

VOLUME OF AIR SAMPLED

1440

LITERS

7/31/01

MPF

PARTICULATES, TOTAL

NIOSH 0500

<0.2

MG/M3

8/09/01

ERI

CNC MACHINE AREA - RESPIRABLE PARTICULATES, 0736 - 1536 HRS.

AIR TEST INFORMATION

SAMPLED BY:

MPF

7/31/01

MPF

SAMPLING MEDIA

MATCHED WEIGHT

FILTER

7/31/01

MPF

PUMP OPERATOR

MPF

7/31/01

MPF

FILTER/TUBE NUMBER

9931-444-6

7/31/01

MPF

SAMPLING DATE

7/31/01

7/31/01

MPF

SAMPLING TIME

480

MINUTES

7/31/01

MPF

FLOW RATE

1.7

LITERS/MIN

7/31/01

MPF

VOLUME OF AIR SAMPLED

816

LITERS

7/31/01

MPF

PARTICULATES, RESPIRABLE

NIOSH 0600

<0.4

MG/M3

8/09/01

ERI

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Subject: PARTICULATE IN AIR TESTING, 7/31/01

P	TEST	METHOD	RESULT	UNITS	DATE	TECH
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RADIAL ARM SAW AREA - TOTAL PARTICULATES, 0737 - 1537 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

MPF	7/31/01	MPF
MATCHED WEIGHT	7/31/01	MPF
MPF	7/31/01	MPF
9931-444-7	7/31/01	MPF
7/31/01	7/31/01	MPF
480	7/31/01	MPF
3.0	7/31/01	MPF
1440	7/31/01	MPF
0.2	8/09/01	ERI

RADIAL ARM SAW AREA - RESPIRABLE PARTICULATES, 0737 - 1537 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, RESPIRABLE

NIOSH 0600

MPF	7/31/01	MPF
MATCHED WEIGHT	7/31/01	MPF
MPF	7/31/01	MPF
9931-444-8	7/31/01	MPF
7/31/01	7/31/01	MPF
480	7/31/01	MPF
1.7	7/31/01	MPF
816	7/31/01	MPF
<0.4	8/09/01	ERI

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Subject: PARTICULATE IN AIR TESTING, 7/31/01

IP	TEST	METHOD	RESULT	UNITS	DATE	TECH
----	------	--------	--------	-------	------	------

WEEKE POINT TO POINT - TOTAL PARTICULATES, 0745 - 1545 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

MPF	7/31/01	MPF
MPF	7/31/01	MPF
MATCHED WEIGHT	7/31/01	MPF
MPF	7/31/01	MPF
9931-444-9	7/31/01	MPF
7/31/01	7/31/01	MPF
480	MINUTES	7/31/01
3.0	LITERS/MIN	7/31/01
1440	LITERS	7/31/01
<0.2	MG/M3	8/09/01

0 WEEKE POINT TO POINT - RESPIRABLE PARTICULATES, 0745 - 1545 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, RESPIRABLE

NIOSH 0600

MPF	7/31/01	MPF
MPF	7/31/01	MPF
MATCHED WEIGHT	7/31/01	MPF
MPF	7/31/01	MPF
9931-444-10	7/31/01	MPF
7/31/01	7/31/01	MPF
480	MINUTES	7/31/01
1.7	LITERS/MIN	7/31/01
816	LITERS	7/31/01
<0.4	MG/M3	8/09/01

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Sampled Date 7/31/01

Sampled Time 00:00

Sample Id

Permit No

Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

MP	TEST	METHOD	RESULT	UNITS	DATE	TECH
----	------	--------	--------	-------	------	------

1 EDGE BANDER - TOTAL PARTICULATES, 0735 - 1535 HRS.**AIR TEST INFORMATION**

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

MPF

MATCHED WEIGHT FILTER

MPF

9931-444-11

7/31/01

480

MINUTES

3.0

LITERS/MIN

1440

LITERS

<0.2

MG/M3

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

8/09/01

ERI

2 EDGE BANDER - RESPIRABLE PARTICULATES, 0735 - 1535 HRS.**AIR TEST INFORMATION**

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, RESPIRABLE

NIOSH 0600

MPF

MATCHED WEIGHT FILTER

MPF

9931-444-12

7/31/01

480

MINUTES

1.7

LITERS/MIN

816

LITERS

<0.4

MG/M3

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

7/31/01

MPF

8/09/01

ERI

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Sampled Date 7/31/01
Sampled Time 00:00
Sample Id

Permit No

Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

TEST

METHOD

RESULT

UNITS

DATE

TECH

3 TECHNICIAN TIME

TECHNICIAN CHARGE

7/31/01

ANALYSES BY PA LABS: 42-060
25-067

[Signature]
MICROBAC BRADFORD DIVISION

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